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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/791,697	03/04/2004	Chao Chuan Chien	BHT/3092-416	5085

7590 02/15/2005
Dougherty & Troxell
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FALLS CHURCH, VA 22401

EXAMINER

PAUMEN, GARY F

ART UNIT	PAPER NUMBER
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2833

DATE MAILED: 02/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

Office Action Summary

Application No.

10/791,697

Applicant(s)

CHIEN, CHAO CHUAN

Examiner

Gary F Paumen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

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Claims 1-20 are objected to because of the following informalities: they contain numerous instances of poor wording due to translation. For instance, in claim 1, last line, "removable covers over" should apparently be -- removably covers --. Each claim must be reviewed for conformance to U.S. standards of terminology and grammar. Appropriate correction is required.

Claims 11-16 and 18-20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

These claims appear to be duplicates of claims 1-6, 10, 8 and 9, respectively.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4, 6, 8, 9, 11-14, 16, 19 and 20 are rejected under 35 U.S.C. 102(e) as being anticipated by Yen 6547600.

Disclosed are (Figure 4) flat housing 2 having an interior space, first conductive plate having a first containing slot (the portion of the plug blade crimped around wire 3), second conductive plate 4 having a second containing slot for receiving the end of a fuse, fuse seat 31 having a third containing slot to

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receive a fuse and a fourth containing slot crimped around the second wire, and a bottom plate 1 for carrying the fuse seat and removably covering the space by being inserted through the bottom (mating end) of housing 2. The containing slots are shaped as claimed (those that crimp the wires are shaped as claimed in their pre-crimp state).

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 5 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yen.

It would have been obvious to make the wire containing slots of any desired width depending on the sizes of the fuse and wires.

Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yen in view of Henderson 4738639.

Yen substantially discloses the claimed invention except for the plug being parallel to the outlet. Henderson discloses plug 10 which is parallel to the outlet upon insertion thereto, and to form the Yen plug such that it is parallel to the outlet thus would have been obvious, to keep the plug from projecting too far from the wall.

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Claims 10 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yen as applied to claims 1 and 11 above, and further in view of Klemp 4679884.

Yen substantially discloses the claimed invention except for the ground terminal. Klemp discloses ground terminal 17, and to provide Yen with a ground terminal thus would have been obvious, for safety.

Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yen as applied to claim 11 above, and further in view of Mason 3975075.

Yen substantially discloses the claimed invention except for the plug being at a forty-five degree angle to the outlet. Mason discloses plugs 17 at an angle to the outlet, and to form the Yen plug at an angle to the outlet thus would have been obvious, to avoid interference with another object. The specific angle would have been an obvious matter of design depending on the environment in which the plug is being used.

The other references cited on Form 892 disclose similar plugs.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary F Paumen whose telephone number is 571-272-2013. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on 571-272-2800, ext. 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

gfp

A handwritten signature in black ink, appearing to read "Gary Paumen".

Gary Paumen
Primary Examiner